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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known					
Application Number	10/656,478				
Filing Date	September 5, 2003				
First Named Inventor	Hassan Mostafavi				
Art Unit	2624				
Examiner Name	Matthew C. Bella				
Attorney Docket Number	VM7031422002				

			U.S. PATENT	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
tnitials No.	No.'	Number - Kind Code ² (if known)	MIM-DD-YYYY		Figures Appear
AA	1	US- 4,672,651	06/09/1987	Horiba et al.	
AA	2	US- 5,573,012	11/12/1996	McEwan	
AA	3	US- 6,940,945 B2	09/06/2005	Maschke	
AA	4	US- 7,003,146 B2	02/21/2006	Eck et al.	
AA	5	US- 2005/0054916 A1	03/10/2005	Mostafavi	
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er	C14+	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T [‡]
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Examiner Signature	/Andrae Allison/	Date Considered	11/29/2006	

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

This collegion of information is required by 37 CER 1.97 and 1.98. The information is required to obtain a certain a honefile with a citation of the contraints.

Translation is attached.
This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet Z of 2

Complete if Known					
Application Number	Complete If Known 10/656,478 September 5, 2003 Inventor Hassan Mostafavi 2624 Matthew C. Bella				
Filing Date	September 5, 2003 .				
First Named Inventor	Hassan Mostafavi				
Art Unit	2624				
Examiner Name	Matthew C. Bella				
Attorney Docket Number	VM7031422002				

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Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code ² (il known)	MM-DD-YYYY		Passages or Relevant Figures Appear
AA	1	US- 4,672,651	06/09/1987	Horiba et al.	
AA	2	US- 5,573,012	11/12/1996	McEwan	
ÄÄ	3	US- 6,940,945 B2	09/06/2005	Maschke	
AA	4	US- 7,003,146 B2	02/21/2006	Eck et al.	
	5	US- 2005/0054916 A1	03/10/2005	Mostafavi	
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	Cite No.'	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	۳⁵
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Examiner Signature	/Andrae Allison/	Date Considered	11/29/2006

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PTO/SB/08A (08-00)

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			Application Number	10/656,478	
INFO	PRMATION DIS	SCLOSURE	Filing Date	September 5, 2003	<u></u>
STA	TEMENT BY A	APPLICANT	First Named Inventor	Hassan Mostafavi	17 20
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	(use as many sheets a	is necessary)	Examiner Name	Not Yet Assigned	
Sheet	1 of	1	Attorney Docket Number	2018721-7031422002	PAOSMARK OF T

			U.S. PATENT DOCUM	MENTS	
Examiner Initials *			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA	AA	5,446,548	Gerig et al.	08/29/95	
AA	AB	6,333,991	Schreiber et al.	12/25/01	
AA	AC	6,473,634	Barni	10/29/02	
AA	AD	6,535,574	Collins, et al.	03/18/03	
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	FOREIGN PATENT DOCUMENTS							
		Fore	eign Patent D	ocument	Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No.'	Office ³	Number ⁴	Kind Code ⁵ (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ₆
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

Title of Invention

Systems and Methods for Tracking Moving Targets and Monitoring Object Positions

Application Number:

10/656478

Confirmation Number:

8695

First Named Applicant: Hassan Mostafavi Attorney Docket Number: VM7031422002

Art Unit:

2621

Examiner:

Andrew W Johns

Search string:

(20040114718).pn.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
AZ	1	20040114718	2004-06-17	Brown			

Examiner Name	Date		
/Andrae Allison/	11/29/2006		

PTO/SB/08b (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

Complete if Known		
Application Number	10/656,478	
Filing Date	September 5, 2003	
First Named Inventor	Hassan MOSTAFAVI	
Art Unit	2621	
Examiner Name	Andrew W. Johns	
Attorney Docket Number	VM7031422002	

	NON PATENT LITERATURE DOCUMENTS					
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal,	T ²			
Initials*	No.1	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published				
AA	1	International Search Report and Written Opinion for PCT/US2004/028756 dated March 15, 2005				
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	Examiner's Signature	/Andrae Allison/	Date Considered 11/29/2006	
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^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08b(08-03)

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Substitute for form 1449B/PTO	Complete if Known		
INFORMATION BLOOK OCCURE	Application Number	10/656,478	
INFORMATION DISCLOSURE	Filing Date	September 5, 2003	
STATEMENT BY APPLICANT	First Named Inventor	Hassan Mostafavi	
	Art Unit	2624	
(Use as many sheets as necessary)	Examiner Name	Matthew C. Bella	
Sheet 2 of 2	Attorney Docket Number	VM7031422002	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *					
AA	1	International Search Report, dated January 30, 2006 for PCT/US2004/028571).			
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Examiner		Date	11/29/2006
Signature	/Andrae Allison/	Considered	, ,

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

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Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	. 1	of	

Complete if Known				
Application Number	10/656,478			
Filing Date	September 5, 2003			
First Named Inventor	Hassan MOSTAFAVI			
Art Unit	2621			
Examiner Name	Andrew W. Johns			
Attorney Docket Number	VM7031422002			

U.S. PATENT DOCUMENTS					
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,
Initials*	No.1	Number - Kind Code ² (if known)	MM-DD-YY	Application of Cited Document	Where Relevant Passages or Relevant Figures Appear
AA	1	US-3,952,201	04-20-76	Hounsfield	
AΑ	2	US-5,271,055	12-14-93	Hsieh et al.	
AA	3	US-6,434,215 B1	08-13-02	Cesmeli	
AA	4	US-6,546,124 B1	04-08-03	Hopple et al.	
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Examiner Initials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	1
	No.1	Country Code ³ – Number ⁴ – Kind Code ⁶ (if known)	MM-DD-YY	Application of Cited Document	Where Relevant Passages or Relevant Figures Appear	
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Examiner's Signature	/Andrae Allison/	Date Considered	11/29/2006

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DS - 03/22/2 PLECTRONIC INFORMATION DISCLOSURE STATEMENT

- Electronic Version v18

Stylesheet Version v18.0

Title of Invention

SYSTEMS AND METHODS FOR TRACKING MOVING TARGETS AND MONITORING OBJECT POSITIONS

Application Number:

10/656478

Confirmation Number:

8695

First Named Applicant:

Hassan MOSTAFAVI

Attorney Docket Number:

2018721-7031422002

Art Unit:

2621

Examiner:

Andrew W. Johns

Search string:

(20030099388 or 20040234115).pn

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
AA	1	20030099388	2003-05-29	Doi et al.			
AA	2	20040234115	2004-11-25	Zijp et al.			

Examiner Name	Date
/Andrae Allison/	11/29/2006

DS - 03/03/2 ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

SYSTEMS AND METHODS FOR TRACKING MOVING TARGETS AND MONITORING OBJECT POSITIONS

Application Number:

10/656478

8695

Confirmation Number:

Hassan MOSTAFAVI

First Named Applicant:
Attorney Docket Number:

2018721-7031422002

Art Unit:

2621

Examiner:

Andrew W. Johns

Search string:

(6487274).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
AA	1	6487274	2002-11-26	Bertsche			

Examiner Name	Date
/Andrae Allison/	11/29/2006

DS - 02/18/2212ECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

SYSTEMS AND METHODS FOR TRACKING MOVING TARGETS AND MONITORING OBJECT POSITIONS

Application Number:

10/656478

Confirmation Number:

8695

First Named Applicant:

Hassan MOSTAFAVI

Attorney Docket Number:

2018721-7031422002

Art Unit:

2621

Examiner:

Andrew W. Johns

Search string:

(6125166 or 6370417 or 6535574 or 6678399 or 6766064).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
AA	1	6125166	2000-09-26	Takeo			
	2	6370417	2002-04-09	Horbaschek et al.			
AA	3	6535574	2003-03-18	Collins et al.			
AA	4	6678399	2004-01-13	Doi et al.			
AA	5	6766064	2004-07-20	Langan et al.			

Examiner Name	Date
/Andrae Allison/	11/29/2006